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NPIC/TSSG/RED-127-70
23 April 1970

MEMORANDUM FOR THE RECORD

25X1
SUBJECT: [] Final Report on Study (of) the Characteristics and
Uses of Suitable Materials for High Altitude Acquisition,
Dated 28 January 1970 (PAR 24-9-8S/R1)

1. As indicated by the title, the studies reported on in this document are primarily concerned with high altitude (photo) acquisition phenomena and, as such, may appear to be of marginal relevance to our "exploitation-oriented" interests. However, on second thought, it is obvious that the two are inseparable--which is easily verified by checking the table of contents.

2. It is apparent that virtually all of the acquisition tests were evaluated on the basis of the "interpretability" of the resultant imagery. Thus the information in this report is of considerable significance to the TSSG/RED effort in at least two aspects:

a. The question of the validity of the interpretability tests and their significance, and

b. The exploitation related significance of the imagery characteristics acquired according to the study recommendations.

In addition, the report provides a valuable technical reference for data relating to the interrelationships of most of the primary characteristics and variables associated with the imagery acquisition and exploitation processes.

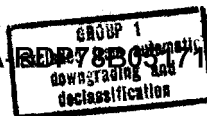
3. Rather than attempting to abstract the articles of possible interest to RED personnel, I refer each of you to the Table of Contents and to notations I have made in red to draw your attention to items believed to be of particular interest. If there are further questions concerning this report, please do not hesitate to refer them to me.

4. Conclusion. On the basis of this report, I conclude that the acquisition process is being thoroughly and competently analyzed. From the report there is no way to assess the validity of the corre-

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SUBJECT: [] Final Report on Study (of) the Characteristics and
Uses of Suitable Materials for High Altitude Acquisition,
Dated 28 January 1970 (PAR 24-9-88/R1)

lation of these analyses with the exploitation process; consequently,
I believe this matter requires evaluation of appropriate RED components.

[]
Special Assistant for Plans & Applications, RED

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